

AIRX 44 ACE

EPA Reg. No. 10324-154-44089
EPA Est. No. 1459-PA-01

DISINFECTANT CLEANER AND ODOR COUNTERACTANT

Disinfectant • Virucide* • Fungicide

ACTIVE INGREDIENTS:

Didecyl Dimethyl Ammonium Chloride.....2.535%

n-Alkyl (C14 50%, C12 40%, C16 10%)

dimethyl benzyl ammonium chloride.....1.690%

INERT INGREDIENTS:.....95.775%

TOTAL.....100.000%

Keep out of reach of children

DANGER PELIGRO

See side panel for additional precautionary statements
and first aid statements.

Net Contents: 1 US Gallon (3.78L)

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.
DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.



AIRX44 ACE is a one-step neutral disinfectant that is effective against a broad spectrum of bacteria, including HIV-1, HBV and HCV, and fungicidal when used as directed. "Kills Pandemic 2009 H1N1 influenza A virus formerly called swine flu. This product cleans quickly by removing dirt, grime, mold, mildew, food residue, body oils, dead skin, blood and other organic matter commonly found in hospitals. It also eliminates odors leaving surfaces smelling clean and fresh. Use where odors are a problem. Cross-contamination is of major house-keeping concern, not only in hospitals, but also in schools, institutions and industry. AIRX 44 ACE has been formulated to aid in the reduction of cross-contamination on treated surfaces. **Disinfection Performance in Institutions (Hospitals, Dental Offices, Nursing Homes and Other Health Care Institutions) and Non-Medical Facilities (Schools):** At 2 fluid ounces per gallon of water use level and with a 10-minute contact time, this product is effective against the following organisms on hard, non-porous surfaces: *Acinetobacter baumannii*, *Acinetobacter lwoffii*, *Bordetella bronchiseptica*, *Chlamydia psittaci*, *Citrobacter freundii*, *Enterobacter agglomerans*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Enterococcus faecalis*, *Enterococcus hirae*, *Escherichia coli*, *Fusobacterium necrophorum*, *Klebsiella oxytoca*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Micrococcus luteus*, *Pasturella multocida*, *Proteus vulgaris*, *Pseudomonas aeruginosa*, *Salmonella typhimurium*, *Salmonella enterica*, *Salmonella enterica serotype pullorum*, *Salmonella typhi*, *Serratia marcescens*, *Shigella flexneri*, *Shigella sonnei*, *Staphylococcus aureus*, *Community Associated Methicillin Resistant Staphylococcus aureus*, *Methicillin Resistant Staphylococcus aureus*, *Staphylococcus aureus sub species aureus*, *Staphylococcus epidermidis*, *Staphylococcus haemolyticus*, *Pseudomonas cepacia*, *Serratia marcescens*, *Streptococcus pyogenes*, Antibiotic resistant *Staphylococcus epidermidis*, *Streptococcus mutans*, *Streptococcus agalactiae*, *Streptococcus pneumoniae* Penicillin Resistant, *Vibrio cholera*, Tetracycline Resistant *Escherichia coli*, *Yersinia enterocolitica*, Tetracycline Resistant *Pseudomonas aeruginosa*, Vancomycin Resistant *Enterococcus faecalis*, Vancomycin Intermediate Resistant *Staphylococcus aureus*. **Virucidal* Performance:** At 2 ounces per gallon of water use level, this product was evaluated in the presence of 400 ppm hard water and 5% serum with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous surfaces: Avian Influenza A H3N2 virus Avian Reassortant, Avian Influenza A H5N1 virus, Hepatitis B Virus, Hepatitis C Virus, Herpes Simplex Virus Type 1, Human Coronavirus, Human Immunodeficiency Virus type 1, Influenza A virus, Respiratory syncytial virus, Herpes Simplex Virus Type 2, Cytomegalovirus. At 2 fluid ounces per gallon, this product was proven to be effective against Duck - Hepatitis B Virus HBV and Bovine Viral Diarrhea Virus BVDV surrogate for human Hepatitis C virus with a contact time of 10 minutes. **Animal Premise Virucidal* Performance:** At 2 ounces per gallon of water use level, this product was evaluated with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous surfaces: Avian Infectious Bronchitis virus Beaudette IB42, Canine Coronavirus, Canine Distemper virus, Feline Picornavirus, Infectious Bovine Rhinotracheitis virus, Pseudorabies virus, Swine Influenza A H1N1 virus, Transmissible Gastroenteritis virus, Vaccinia virus. **Fungicidal Performance:** When used as directed at 2 fluid ounces per gallon of water and a 10-minute contact time, this product is highly effective against the following on hard, non-porous surfaces: *Aspergillus niger*, *Candida albicans*, *Trichophyton mentagrophytes*.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Before using this product, food products and packaging materials must be removed from the room or carefully protected.

PREPARATION OF DISINFECTION/FUNGICIDAL/VIRUCIDAL* USE SOLUTION: For heavily soiled areas, a preliminary cleaning is required. Add 2 ounces of this product to 1 gallon of water to disinfect hard, non-porous surfaces. Apply use solution using a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Change cloth, sponge or towels frequently to avoid redeposition of soil. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. ***For Disinfecting Hard, Non-Porous Surfaces Against Avian Influenza A Virus:** For use in hospitals, hotels, motels, schools and other non-animal use sites, follow the PREPARATION OF DISINFECTION/VIRUCIDAL*/FUNGICIDAL USE SOLUTION directions. For use in animal housing facilities, follow the "SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A VIRUS in the Animal Premise section.

Not for use on medical devices or medical equipment surfaces.

***KILLS HIV, HBV AND HCV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1, Hepatitis B Virus and Hepatitis C Virus. **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. Personal Protection:** Clean up must always be done wearing protective latex gloves, gowns, masks and eye protection. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from hard nonporous surfaces and objects before application of this product. **Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal. **Contact Time:** Leave hard nonporous surfaces wet for 10 minutes with a 2 fluid ounces per gallon use solution.

ANIMAL PREMISES: Prior to use, cover or remove all food and packaging material before disinfection and remove all animals and feeds from premises, animal transportation vehicles, and enclosures: coops, crates, kennels, stables. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by poultry or other animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

***EFFECTIVENESS AGAINST CANINE PARVOVIRUS, MICE PARVOVIRUS AND PORCINE PARVOVIRUS AND RABIES:** At a 8-ounce per gallon of water use level, this product was evaluated in the presence of 5% serum and with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous surfaces: Canine Parvovirus CPV, Mice Parvovirus, Rabies, Porcine Parvovirus.

VETERINARY CLINICS/ANIMAL LIFE SCIENCE LABORATORY/ANIMAL CARE FACILITIES/ANIMAL RESEARCH CENTERS/ANIMAL LABORATORY/ANIMAL QUARANTINE AREAS/ANIMAL BREEDING FACILITIES/ZOOS/PET SHOP/ANIMAL HUSBANDRY/ KENNELS/BREEDING AND GROOMING ESTABLISHMENTS/ TACK SHOPS DISINFECTION DIRECTIONS: For cleaning and disinfecting hard, non-porous surfaces such as: equipment, utensils, instruments, cages, kennels, stables, stalls and catteries, and other hard-nonporous surfaces, apply a use solution of 2 oz of this product per gallon of water so as to wet thoroughly. Apply by cloth, mop, brush, sponge, auto scrubber, mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Allow surfaces to remain wet for a period of 10 minutes. Immerse all halters and other types of hard, non-porous equipment used in handling and restraining animals as well as forks, shovels, scrapers used in removing litter and manure in the use solution. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other treated equipment that dispenses food or water with soap or detergent, and rinse with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

***SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A VIRUS:** Apply the disinfecting solution of 2 oz per gallon of water to all hard, non-porous surfaces and allow to remain wet for a period of 10 minutes. Apply by cloth, mop, brush, sponge, auto scrubber mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of hard, non-porous equipment used in handling and restraining animals as well as forks, shovels, and scrapers used in removing litter and manure. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers, and other treated equipment with soap or detergent, and rinse with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

MOLD AND MILDEW CONTROL: To control the growth of mold and mildew and their odors on hard, non-porous surfaces, apply use solution of 2 ounces per gallon of water. Apply by cloth, sponge, mop, brush, auto scrubber or mechanical spray device to thoroughly wet all treated surfaces completely. Allow surface to remain wet for 10 minutes. Allow solution to dry on surface and repeat treatment every seven days or when new growth appears. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER: Apply use solution to surfaces. Allow to air dry. For heavy-duty use, add 8 fluid ounces per gallon of water to clean hard, non-porous surfaces.

WATER AND SMOKE DAMAGE RESTORATION: Effective against odor caused by smoke and water damage for home, institutional, industrial and hospital use. This product is particularly suitable for use in water damage restoration situations. Saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

CARPETS, CARPET CUSHIONS, UPHOLSTERY, DRAPES AND OTHER POROUS MATERIALS, SUB FLOORS, DRYWALL, TRIM AND FRAME LUMBER, TACKLESS STRIP AND PANELING: To use as a deodorizer against water damage, extract the excess water. Test hidden area for colorfastness. Dilute 2 to 4 ounces of the product per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a mechanical spray device to fully saturate affected materials. For spray applications, spray 6-8 inches from surface. Roll, brush or agitate into materials and allow the materials to remain damp for 10 minutes. Follow with a thorough extraction. Dry rapidly and thoroughly.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix with oxidizers, anionic soaps and detergents. Do not use or store near heat or open flame.

ENVIRONMENTAL HAZARD: This product is toxic to fish.

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

CONTAINER DISPOSAL/PESTICIDE STORAGE: Non-refillable container. Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinseate. Repeat two more times. Wrap and put in trash or offer for recycling if available.

RESIDUE REMOVAL INSTRUCTIONS: Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinseate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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